ABOUT US

Buckeye Mountain is dedicated to providing the Railroad, Intermodal, and Port industries with everything needed to implement and manage technology solutions; including rugged hardware, customized software and wireless network infrastructure. We are specialists in mobile and wireless technology. We've been designing, installing and supporting unique solutions for more than 15 years. We understand the value of a thorough assessment of each challenge versus simply doing things the way they have always been done.

At Buckeye Mountain, we take a problem-solving approach to addressing your needs — whether you need a few ruggedized computers or a complete, customized software and hardware package. We will work to understand your requirements and present the right options, budget and time frame. Buckeye Mountain saves your Railroad time and money by serving as a single point of contact from procurement to end-of-life. We are focused on providing the solutions you need to make running your operations easier, safer and more efficient.

"Delivering simple technology solutions for your complex needs."

Buckeye Mountain was founded by a team of professionals experienced in Railroad systems and technology. Our company includes hardware specialists, software architects, repair technicians and certified wireless network engineers. Each has in-depth knowledge of the deployment and support of technology for these industries.

"We are experts in Railroad, Intermodal, & Port technology solutions."

Our experience is in supporting the workers who operate the railroad assets that keep your business profitable: railcars, locomotives and Intermodal equipment. We give them the mobile and web-based technology to safely and rapidly inspect, diagnose and repair equipment in the field. We ensure that information can be sent wirelessly to a central repository, so you can access real time information about all your facilities. Using wireless technology and custom software applications, we streamline and simplify processes specific to your railway operation.

HARDWARE SOLUTIONS

Your single contact for Railroad rugged computers and lifecycle management of field devices.

Technology Management Services

- Equipment procurement based on your requirements
- Fixed (kiosk), mobile and wireless rugged computers
- Multiple resources to assure best match to your specific needs
- Multiple procurement options, including volume discounts, equipment rental and leasing plans

SOFTWARE SOLUTIONS

Solutions engineered for the Railroad industry and customized for your operation.

Software Services

iTrack manages and tracks your mobile technology inventory

IMRS is a full-package Intermodal Maintenance and Repair System

CBMP is a Condition Based Maintenance Program that manages the fluid sampling process for locomotives

SCBA combines the latest in RFID technology with web-based and handheld technology to certify and track the equipment used to keep locomotive conductors and engineers safe

AIM is a system that facilitates scheduled and unscheduled maintenance and inspection of intermodal lifts and ramp equipment

WIRELESS SOLUTIONS

Network evaluation or design, installation and certification of total wireless solutions.

Wireless Network Solutions

- Site survey and certification
- Bandwidth requirement analysis
- Range and coverage analysis/verification
- RF interference assessment
- Security assessment and analysis
- Network design and installation
- Wireless back-haul solutions
- Product/equipment selection and integration
- Wireless bridging
- Training and support
- Final survey/certification report
- Warranty coverage

RAPID DEPLOY

"Innovative, Reliable, & Quick to Deploy."

Our Rapid Deploy technology was created to solve the unique connectivity problems faced by many rail yards and ports that traditionally discouraged them from using Wi-Fi. Our Rapid Deploy portfolio of outdoor wireless solutions is a new, innovative approach to Wi-Fi that compensates for connectivity issues in any environment.

TOP ISSUES ADDRESSED

- No need to trench power
- Fast and easy connectivity to the network
- No need to construct vertical assets
- Reduced self-interference in outdoor deployments

RAPID DEPLOY PRODUCT SUITE

RapidOne
Completely standalone, portable all-in-one wireless network.

RapidMiniMax
Pole or surface mounted on customer supplied structure, Solar or AC powered.

RapidFixed
Capable of 30' mast providing wireless technology for container stacking operations.

RapidCase
Ruggedized, portable "network-in-a-box".

RapidSky
Unique fixed wireless implementation leveraging existing high mast towers.

BUCKEYE MOUNTAIN

WE ARE HERE TO HELP.

Please contact us for all of your rugged technology needs!

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